

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	(US-6201671-\$ or US-6404606-\$ or US-6452204-\$ or US-6567246-\$ or US-6589337-\$ or US-6661622-\$ or US-6686068-\$ or US-6710985-\$ or US-6738236-\$ or US-6759120-\$). did. or (JP-11086235-\$ or JP-2000307171-\$).did.	USPAT; JPO	OR	ON	2005/02/18 12:57
S1	474	360/324.1,324.11,324.12.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S2	9077	427/127-131.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S3	524	29/603.07,603.09,603.13,603.14. ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S4	12	(US-5528440-\$ or US-6731479-\$ or US-6636396-\$ or US-6668443-\$ or US-6721143-\$ or US-6185078-\$ or US-5664316-\$ or US-6118624-\$ or US-6146776-\$ or US-6208491-\$ or US-6262869-\$).did. or (JP-2001230471-\$).did.	USPAT; JPO	OR	OFF	2004/07/26 09:55
S5	278	(pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S6	134	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S7	21	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14. ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:07
S8	15	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:08

S9	156	((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:08
S10	1	(((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and (expos\$3 with (spacer adj layer) with oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56
S11	15	("5408377" "5492605" "5862022" "5871622" "5986858" "6115224" "6134090" "6181534" "6268985" "6414826" "6452763" "6466418" "6473278" "6519121" "6548114").PN.	USPAT	OR	ON	2004/07/26 10:10
S12	3	(((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and (expos\$3 same (spacer adj layer) same oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:05
S13	4	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (expos\$3 same (spacer adj layer) same oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:19

S14	5	((US-5528440-\$ or US-6731479-\$ or US-6636396-\$ or US-6668443-\$ or US-6721143-\$ or US-6185078-\$ or US-5664316-\$ or US-6118624-\$ or US-6146776-\$ or US-6208491-\$ or US-6262869-\$).did. or (JP-2001230471-\$).did.) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer))	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:25
S15	130	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (GMR adj sensor)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 10:28
S16	0	((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and (GMR adj sensor)	JPO	OR	ON	2004/07/26 10:28
S17	2	(pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)	JPO	OR	ON	2004/07/26 10:28
S18	11	GMR adj sensor	JPO	OR	ON	2004/07/26 10:28
S19	4	(US-6589337-\$ or US-6686068-\$ or US-6661622-\$).did. or (JP-2000307171-\$).did.	USPAT; JPO	OR	OFF	2004/07/26 11:01
S20	2	((US-6589337-\$ or US-6686068-\$ or US-6661622-\$).did. or (JP-2000307171-\$).did.) and (exchange adj coupl\$3)	USPAT; JPO; DERWENT	OR	ON	2004/07/26 11:02
S21	0	(((((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 360/324.1,324.11,324.12.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 29/603.07,603.09,603.13,603.14.ccls.) or (((pinned adj layer) and (spacer adj layer) and (free adj layer) and (antiferromagnetic adj layer)) and 427/127-131.ccls.)) and (expos\$3 with (free adj layer) with oxygen)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56
S22	0	(expos\$3 same (free adj layer) same oxygen) and (("5408377" "5492605" "5862022" "5871622" "5986858" "6115224" "6134090" "6181534" "6268985" "6414826" "6452763" "6466418" "6473278" "6519121" "6548114").PN.)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56

S23	6	expos\$3 with (free adj layer) with oxygen	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:56
S24	307	(free adj layer) with oxid\$7	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:57
S25	144	((free adj layer) with oxid\$7) and sensor	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:57
S26	139	((free adj layer) with oxid\$7) and (spin adj valve)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:07
S27	165	((((free adj layer) with oxid\$7) and sensor) or (((free adj layer) with oxid\$7) and (spin adj valve)))	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S28	319	(pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S29	66	(((((free adj layer) with oxid\$7) and sensor) or (((free adj layer) with oxid\$7) and (spin adj valve)))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))	USPAT; JPO; DERWENT	OR	ON	2004/07/27 07:58
S30	50	(((((free adj layer) with oxid\$7) and sensor) or (((free adj layer) with oxid\$7) and (spin adj valve)))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))) and cap\$4	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:02
S31	31	(((((free adj layer) with oxid\$7) and sensor) or (((free adj layer) with oxid\$7) and (spin adj valve)))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))) and cap\$4) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:01
S32	2	(((((free adj layer) with oxid\$7) and sensor) or (((free adj layer) with oxid\$7) and (spin adj valve)))) and ((pinned adj layer) and (spacer adj layer) and (free adj layer) and (pinning adj layer))) and cap\$4) and NiFeO	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:04
S33	11	("5260653" "5268806" "5606478" "5650897" "5659451" "5673163" "5804085" "5820770" "5905610" "5932343" "6052262").PN.	USPAT	OR	ON	2004/07/27 08:02

S34	3	((free adj layer) with oxid\$7) and (spin adj valve)) and NiFeO	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:04
S35	205	((free adj layer) with oxid\$7) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 08:10
S36	83	((free adj layer) with oxid\$7) and (spin adj valve)) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:06
S37	72	pinarbasi-mustafa.in.	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:35
S38	19	((free adj layer) with oxid\$7) and pinarbasi-mustafa.in.	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:01
S39	13	((free adj layer) with oxid\$7) and pinarbasi-mustafa.in.) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:35
S40	12	spin adj filter adj layer	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:05
S41	1	((free adj layer) with oxid\$7) and (spin adj filter adj layer)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:05
S42	4	(spin adj filter adj layer) and @ad<"20010102"	USPAT; JPO; DERWENT	OR	ON	2004/07/27 09:06
S43	6	((free adj layer) with oxid\$7) and (spin adj valve)	JPO	OR	ON	2004/07/27 09:07
S44	161	(free adj layer) with NiFe with CoFe	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:39
S45	13	((free adj layer) with NiFe with CoFe) and (pinarbasi-mustafa.in.)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:42
S46	0	(free adj layer) with NiFe with CoFe with NiFeO	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:39
S47	11	(nonmagnetic adj isolation) and (pinarbasi-mustafa.in.)	USPAT; JPO; DERWENT	OR	ON	2004/07/27 10:42